9:10

Nov 24 2003

Serial Number 09/910,232 Attorney's Docket 00/121 MFE Art Unit 1773 Page: 2

## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

PROPAT LLC

## **Listing of Claims:**

(Currently Amended) A transparent, biaxially oriented polyester film with a base. 1. layer B, at least 80% by weight of which is composed consists essentially of a thermoplastic polyester, and with at least one outer layer A, wherein:

the outer layer A is composed consists essentially of a copolymer or of a mixture of homopolymers and copolymers, which contains ethylene 2,6-naphthalate units in a range of from 91 to 97% by weight and from 3 % up to 9% by weight of ethylene terephthalate units, and/or units derived from cycloaliphatic or aromatic diols and/or dicarboxylic acids;

the thickness of the outer layer A is more than 0.7 µm and makes up less than 25% by weight of the total film, and

the T<sub>g</sub>2 value of the polyester film is above the T<sub>g</sub>2 value of the polyester for the base layer B but below the T<sub>g</sub>2 value of the polyester for the outer layer A.

- 2. (Canceled).
- 3. (Original) The transparent film as claimed in claim 1, wherein the outer layer A has a thickness of more than 0.8 µm and makes up less than 22% by weight of the total film.
- (Original) The transparent film as claimed in claim 1, wherein the oxygen permeation of the film is below 85 cm<sup>3</sup>/(m<sup>2</sup>·bar·d).

Serial Number 09/910,232 Attorney's Docket 00/121 MFE Art Unit 1773 Page: 3

5. (Currently Amended) [[The transparent film as claimed in claim 1,]] A transparent, biaxially oriented polyester film with a base layer B, at least 80% by weight of which is composed of a thermoplastic polyester, and with at least one outer layer A, wherein:

the outer layer A is composed of a copolymer or of a mixture of homopolymers and copolymers, which contains ethylene 2.6-naphthalate units in a range of from 91 to 97% by weight and up to 9% by weight of ethylene terephthalate units, and/or units derived from cycloaliphatic or aromatic diols and/or dicarboxylic acids:

the thickness of the outer layer A is more than 0.7 μm and makes up less than 25% by weight of the total film, and

the  $T_c2$  value of the polyester film is above the  $T_c2$  value of the polyester for the base layer B but below the  $T_c2$  value of the polyester for the outer layer A. wherein the adhesion between the individual layers is greater than 0.5 N/25 mm.

- 6. (Currently Amended) The transparent film as claimed in claim  $\pm 5$ , which additionally comprises an intermediate layer Z having a thickness above 0.1  $\mu$ m.
- 7. (Currently Amended) The transparent film as claimed in claim 4 5, the structure of which has three layers and comprises a base layer B, an outer layer A and an outer layer C.
- 8. (Currently Amended) The transparent film as claimed in claim 4 5, the structure of which has four layers and comprises an outer layer C, arranged thereupon a base layer B, and arranged thereupon an intermediate layer Z, and arranged thereupon an outer layer A.
- 9. (Currently Amended) The transparent film as claimed in claim 4 5, wherein at least one of the outer layers has been pigmented.
- 10. (Currently Amended) The transparent film as claimed in claim 4 5, wherein at least one side of the film has been treated with an electric corona discharge.

Serial Number 09/910,232 Attorney's Docket 00/121 MFE Art Unit 1773 Page: 4

- 11. (Currently Amended) The transparent film as claimed in claim ± 5, wherein at least one side of the film has been in-line coated.
- 12. (Currently Amended) The transparent film as claimed in claim  $\pm 5$ , which, at least on the outer layer A, has been metallized or ceramic-coated.
- 13. (Currently Amended) A process for producing the film as claimed in claim  $\pm 5$ , encompassing the steps
  - producing a film from base and outer layer(s) by coextrusion,
  - biaxially stretching the film, and
  - heat-setting the stretched film,

which comprises carrying out the biaxial stretching by a longitudinal stretching of the film at a temperature in the range from 80 to 130°C and by a transverse stretching in the range from 90 to 150°C and using a longitudinal stretching ratio in the range from 2.5:1 to 6:1 and using a transverse stretching ratio in the range from 3.0:1 to 5.0:1.

- 14. (Original) The process as claimed in claim 13, wherein, for heat-setting, the stretched film is held for a period of from about 0.1 to 10 s at a temperature of from 150 to 250°C.
- 15. (Original) The process as claimed in claim 13, wherein cut material arising during film production is reused as regrind in the film production in amounts of up to 60% by weight based in each case on the total weight of the film.